IN THE CLAIMS:

1-15. (Canceled)

16. (Currently Amended) A control rod blade for a boiling water reactor, comprising a plurality of channels arranged to receive an absorber material, a free edge portion with a recess, which includes outlets for said channels, and a cover element, ~~which is arranged to be attached by means of at least one welding operation such that it seals~~ said cover element being sealingly attached to said free edge portion, said cover element forming an external end surface of said control rod blade in a mounted state and sealing at least a part of said recess, ~~the control rod blade defining~~ a profile element, ~~which, before said welding operation of the cover element is performed, is arranged to be~~ said profile element being disposed ~~applied~~ against a bottom surface defined by [[in]] the recess ~~in a position such that the~~ ; and said profile element covers the outlets of said channels.

17. (Previously presented) A control rod blade according to claim 16, wherein the profile element has a width which substantially corresponds to a width defined by the bottom surface.

18. (Previously presented) A control rod blade according to claim 16, wherein the profile element comprises a substantially plane surface, which is arranged to be applied against a corresponding substantially plane bottom surface.

19. (Currently amended) A control rod blade according to claim 16, wherein the profile element comprises at least one curved side portion, which has an extension upwards from [[the]]a substantially plane surface.

20. (Previously presented) A. control rod blade according to claim 16, wherein the profile element has a thickness of about 0.2 - 0.5 mm.

21. (Currently Amended) A control rod blade according to claim 16, wherein the profile element has a continuous extension along a [[the]] whole length of the recess.

22. (Previously presented) A control rod blade according to claim 16, wherein the profile element is manufactured of a metal material.

23. (Previously presented) A control rod blade according to claim 16, wherein the cover element comprises a surface, which is arranged to abut a surface of the profile element when the cover element is applied in the recess.

24. (Previously presented) A control rod blade according to claim 23, wherein the contact surfaces of the profile element and the cover element are substantially plane.

25. (Previously presented) A control rod blade according to claim 16, wherein the cover element comprises a cover portion , which is arranged to seal the opening of the recess , and a support portion , which has a width, which is less than a width defined by the recess .

26. (Previously presented) A control rod blade according to claim 16, wherein the recess comprises a groove which, after that the profile element has been applied in the recess, is arranged to form a passage, which extends between adjacent channels under the profile element.

27. (Previously presented) A control rod blade according to claim 16, wherein the cover element is arranged to be attached at the edge portion of the control rod blade by means of two longitudinal weld joints.

28. (Previously presented) A control rod blade according to claim 16, wherein the absorber material is powdered.

29. (Previously presented) A control rod blade according to claim 28, wherein the absorber material comprises boron carbide.